

Title (en)
DISHWASHER

Title (de)
GESCHIRRSPÜLER

Title (fr)
LAVE-VAISSELLE

Publication
EP 2556782 B1 20191023 (EN)

Application
EP 12178679 A 20120731

Priority
KR 20110080878 A 20110812

Abstract (en)
[origin: EP2556782A1] A dishwasher (1) that enables a user to adjust a load of a spring depending on material and weight of a cover that is attached to a door of the dishwasher. The dishwasher (1) includes a housing (10) having a bottom 10a), a rear (10b), and side covers (10c), a door (11) rotatably installed on a front surface of the housing (10), a door hinge (20) installed onto each lower end of the door (11) while being rotatably coupled to the housing (10), a spring (40) configured to adjust a rotation of the door (11), and an apparatus (50) of adjusting the spring (40) configured to adjust a load of the spring (40). The apparatus (50) includes a movable bracket (70) connected to the spring (40), an adjustment member (60) which enables the movable bracket (70) to move up and down, and a support bracket (51) configured to support the adjustment member (60). A position verification hole (80, 80a ... 80e) is perforated through the housing (10) such that the apparatus (50) is checked from outside the housing (10).

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP KR US)
A47L 15/0084 (2013.01 - KR); **A47L 15/0086** (2013.01 - KR); **A47L 15/42** (2013.01 - KR); **A47L 15/4257** (2013.01 - KR);
A47L 15/4261 (2013.01 - EP KR US); **A47L 15/4265** (2013.01 - KR); **A47L 15/4265** (2013.01 - EP US)

Cited by
EP2888985A1; CN106984882A; US9642511B2; US9498102B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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KR 20130018046 A 20130220; US 2013038186 A1 20130214; US 9155444 B2 20151013

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EP 12178679 A 20120731; CN 201210285544 A 20120810; KR 20110080878 A 20110812; US 201213564327 A 20120801